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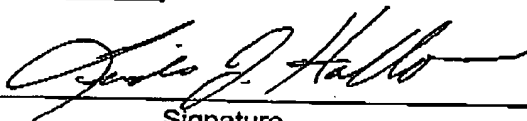
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FA1174USNA

RESPONSE TO NON-FINAL OFFICE ACTION (6 pgs.)

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN THE APPLICATION OF:

WILLIAM F. GRAHAM ET. AL.

CASE NO.: FA1174USNA

SERIAL NO.: 10/668992

GROUP ART UNIT: 1762

FILED: SEPTEMBER 22, 2003

EXAMINER: WILLIAM F. FLETCHER III

FOR: METHOD FOR ACHIEVING RECOAT ADHESION OVER A FLUORINATED TOPCOAT

AMENDMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Introductory Comments

This is Applicants' response to the Office Action that was mailed on August 23, 2006, for which no shortened period for reply was set. Accordingly, a six (6) month period for a response is in effect.

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Application No.: 10/668992
Docket No.: FA1174USNA

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Amendments to Claims

1. (Withdrawn) A method for in-line or end-of line repair of an original basecoat/topcoat finish on an automobile or truck during their original manufacture, in which the original topcoat comprises a substantially cured fluorinated silane polymer, wherein the improvement comprises:

- (a) incorporating in the original topcoat, an adhesion improving additive comprising a fluorinated urethane compound;
- (b) applying over said original topcoat, a repair basecoat composition comprising an aminoplast resin crosslinking agent;
- (c) applying over said repair basecoat, a repair topcoat composition; and
- (d) curing the new basecoat/topcoat finish.

2. (Withdrawn) The method of claim 1, wherein the repair topcoat is applied over said repair basecoat wet-on-wet and the new top coat and basecoat are cured together.

3. (Withdrawn) The method of claim 1, wherein the coating compositions for both the original basecoat/topcoat and repair basecoat/topcoat are the same, so that only one topcoat and one basecoat composition are used.

4. (Withdrawn) The method of claim 1, wherein the fluorinated urethane compound consists essentially of an adduct of an organic polyisocyanate, a polyoxyethylene/polyoxypropylene glycol, and a fluorinated monofunctional alcohol, and contains substantially no residual isocyanate groups.

5. (Withdrawn) The method of claim 1, wherein the fluorinated urethane compound consists essentially of an adduct of an organic polyisocyanate, an amino-functional silane, and a fluorinated monofunctional alcohol, and contains substantially no residual isocyanate groups.

6. (Withdrawn) The method of claim 1, wherein the fluorinated urethane compound is employed in the original topcoat composition in an amount of about 0.1-10% by weight, based on the weight of the binder of the original topcoat.

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